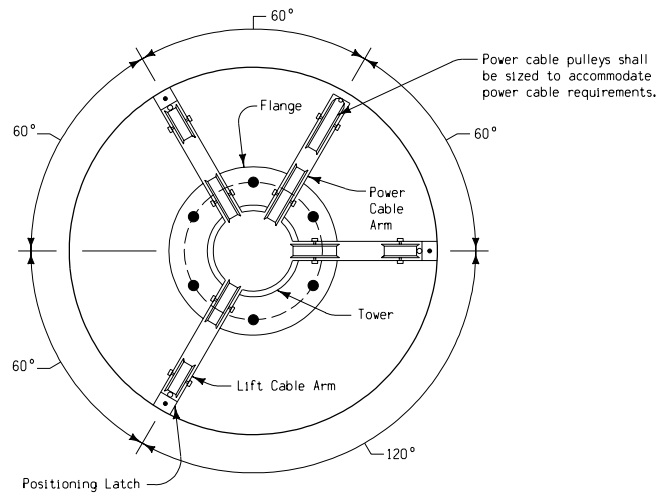
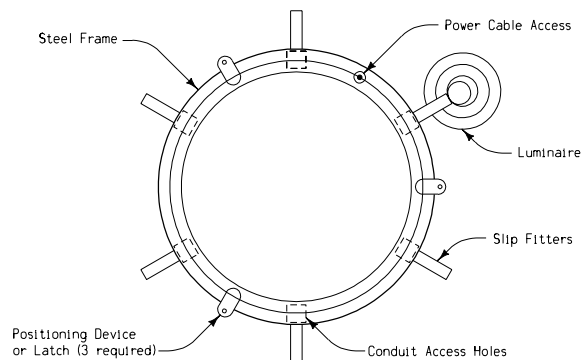


ELEVATION



HEAD FRAME ASSEMBLY
(TYPICAL 3-CABLE DESIGN SHOWN)



LUMINAIRE FRAME ASSEMBLY

GENERAL NOTES:

The details indicated hereon are typical of the lowering device for tower lighting systems. Alternate designs may be submitted to the Engineer for approval.

Materials and methods of construction shall be in accordance with current Standard and Supplemental Specifications.


Refer to project plans for Locations, Circuitry, and other details.

Provisions for 6 luminaires are detailed. Appropriate changes shall be made when a different number of luminaires are required.

All hardware and fittings shall be stainless steel or galvanized steel unless specifically required otherwise, or as approved by the Engineer.

All pulleys shall be designed for maintenance-free operation, and be permanently lubricated and sealed.

Method of Measurement and basis of Payment shall be in accordance with Section 2523 of the Standard and Supplemental Specifications.

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|  Iowa Department of Transportation Project Development Division | |
| STANDARD ROAD PLAN | RM-45 |
| REVISION: Add note. APPROVED BY: <i>[Signature]</i> 05-24-99 DESIGN METHODS ENGINEER | REVISION NO. I REVISION DATE 09-21-99 |
| LOWERING DEVICE (TOWER LIGHTING) | |